
3. SEQ Workstations - Installation Instructions: N/A (See Attached - Directory Listing)

a) Special Alerts - Before Install

ASP - Must be Stopped - Coordinate with SEQ Team Chief and SIE on Duty

Notify S/W Dev: J. Morris (4-1069) S. Wissler (4-0153) & SIE on Duty

Comments:

b) Install - Tar file: **D3.5-SEQ-000-SEQ** tar in directory: /msop/seq/

On: **PST** workstations

- 1) copy the tarfile: **D3.5-SEQ-000-SEQ**.tar - to subdirectory: /msop
- 2) tar -xvf **D3.5-SEQ-000-SEQ**.tar
- 3) rm **D3.5-SEQ-000-SEQ**.tar

Comments: - COPY - tar file - **over** – current /msop/seq

c) Install - Tar file: **D3.5-SEQ-000-SEQ_CONFIG**.tar in directory: /msop/seq/

On: **PST** workstations

- 1) copy the tarfile: **D3.5-SEQ-000-SEQ_CONFIG**.tar - to subdirectory: /msop
- 2) tar -xvf **D3.5-SEQ-000-SEQ_CONFIG**.tar
- 4) rm **D3.5-SEQ-000-SEQ_CONFIG**.tar

Comments: - COPY - tar file - **over** – current /msop/seq_config -

d) Notify: J. Morris (4-1069) S. Wissler (4-0153) Linda Lee (3-9568),
when Install is completed.

1) Software Dev will configure /msop/seq_data and other areas

- clean-out /engineering
- verify software installed correctly
- run test cases

2) Software Dev will Notify: SIE on Duty CM when configuration is completed.

3) SIE on Duty SEQ Team Chief Software Development will:

Restart ASP Notify - ACE, so Operations may continue Notify - CM

Special - User's - Alerts - After Install:

Log off workstation - then Log back on (files need to be re-configured)

Incon's MUST be updated - **pc010c.incon – has been updated – Check with Judy**

Comments:

4. SCT Workstations - Installation Instructions: (See Attached - Directory Listing)

a) Install - Tar file: **D3.5-SEQ-000-SEQ** tar in directory: /msop/seq/

On: LMA SCT SERVER LMA STL Workstations SD MSA

- 1) copy the tarfile: **D3.5-SEQ-000-SEQ.tar** - to subdirectory: /msop
- 2) tar -xvf **D3.5-SEQ-000-SEQ.tar**
- 3) rm **D3.5-SEQ-000-SEQ.tar**

Comments: - COPY - tar file - **over** – current /msop/seq

b) Install - Tar file: **D3.5-SEQ-000-SEQ_CONFIG.tar** in directory: /msop/seq/

On: LMA SCT SERVER LMA STL Workstations SD MSA

- 1) copy the tarfile: **D3.5-SEQ-000-SEQ_CONFIG.tar** - to subdirectory: /msop
- 2) tar -xvf **D3.5-SEQ-000-SEQ_CONFIG.tar**
- 3) rm **D3.5-SEQ-000-SEQ_CONFIG.tar**

Comments: - COPY - tar file - **over** – current /msop/seq_config -

c) Notify: J. Morris (4-1069) S. Wissler (4-0153) Linda Lee (3-9568),
when Install is completed.

- 1) Software Dev will configure /msop/seq_data and other areas
 - clean-out /engineering
 - verify software installed correctly
 - run test cases

2) Software Dev will Notify: ACE CM - when configuration is completed.

Special - User's - Alerts - After Install:

Log off workstation - then Log back on (files need to be re-configured)

Comments:

This form will be placed on our homepage, in the following URL: http://mgsw3.jpl.nasa.gov/seq/seq_dev/

Sequence Development Tests - ran on: **mtbseq1**

Script **run_local_SIM_rtc_ASP_tests** (Ran on **mtbseq1** – runs ASP locally)

Options Selected		Comments
X	1 - file_load tests (ic - ifl) 8-tests	Tests ran as expected, everything, ran through the ASP
X	2 - SCT - ic & ec - tests - 13-tests - sdu-mgs-mco-mpl	

Script: **run_testbed_SIM_rtc_ASP_tests** (Ran from **mdeseq** - mailed frf to **mtbseq1**)

Options Selected		Comments
X	1 - file_load tests (ic - ifl) 8-tests	Tests ran as expected, everything, ran through the ASP
X	2 - SCT - ic & ec - tests - 13-tests - sdu-mgs-mco-mpl	

Script: **run_FR_tests** (checks out Flight Rules) runs, seqgen, grep_diffs & get_pef_errors diffs

Options Selected		Comments
X	1 - mpl - flight rules	Test ran as expected all miss-compares were explained, due to block updates

Script: **run_block_tests** (Each block is run through Seqgen)
 ssf_block_view- run for all testcases – with RELATV time
 pef_display - (block option) – run for all other testcases

Options Selected		Comments
X	1 - mpl - blocks	Test ran as expected all miss-compares were explained, due to block updates

Script: **run_OPS_SEQ** (Latest – Cruise)

Options Selected		Comments
X	2 - mpl - Cruise Sequence - pc001c	SSF & DFK compares were run all miss-compares were explained, due to soe_defaults update and modeling changes

Additional - Tests

Script: **run_HSKPGen** (Tests the Houskeeping sequence generation process including the auto-scheduling of DTE, DFE and UHF activities, as well as the generation of a merged scmf containing all of the housekeeping sequences generated)

Script: **run_edl_sol0** - (This is a modeling test for pre-edl through the end of Sol 0 – Blocks: edl & landed_init)

Script: **run_sol2** (Tests the following blocks: Science_Master_Sequence, Science_DPT, Science_Heap, Lander_HSKP, DTE_Transmitt, DFE_receive, landed_dsn_contact.blk, landed_xband_receive.blk, wakeup_restore.blk, wakeup_no_restore.blk, shutdown.blk)

Directory Listing: D3.5.0-SEQ-000-SEQ.tar

```
  555 Dec 21 16:38 1998 seq/aaf/constraints.aaf
 76892 Nov  5 16:12 1999 seq/aaf/m98.11-1-99.sc.aaf
164707 Nov  4 17:03 1999 seq/aaf/m98.11-4-99.science.aaf
  291 Sep 13 14:32 1999 seq/aaf/mars_time.aaf
 3908 Sep 21 16:59 1999 seq/aaf/optg.aaf
27673 Nov  2 20:54 1999 seq/aaf/uhf_windows.aaf
 1269 Apr 23 16:01 1999 seq/aaf/vue.aaf

 7797 Oct 29 19:50 1999 seq/bin/HSKPGen
 5204 Oct 29 19:11 1999 seq/bin/apgen_env_gen
  541 Nov  5 21:25 1999 seq/bin/cnvrt_tega_ramp
 1566 Oct 28 23:57 1999 seq/bin/correct_transmitter_min_dur
14510 Nov  4 22:36 1999 seq/bin/env_gen
 1815 Oct 18 14:40 1999 seq/bin/gen_blank_apf
15487 Oct 11 15:47 1999 seq/bin/gen_command
 1558 Oct 14 13:43 1999 seq/bin/gen_master_science_sequences.awk
 3398 Oct  8 18:05 1999 seq/bin/gen_soe_dkf
 1984 Oct 28 23:57 1999 seq/bin/gen_txr_trigger
 2520 Oct 12 13:49 1999 seq/bin/get_all_files
 5666 Oct 12 14:38 1999 seq/bin/get_cdb_file
  220 Oct 20 13:56 1999 seq/bin/get_file_from_pef
 2604 Oct 12 13:44 1999 seq/bin/get_files_by_time
  901 Oct 29 16:16 1999 seq/bin/get_list_from_FIS
  400 Nov  4 18:29 1999 seq/bin/get_pef_errors
 3065 Oct 20 13:56 1999 seq/bin/get_power_model
 2745 Oct 27 15:05 1999 seq/bin/library.awk
 2159 Oct 29 20:08 1999 seq/bin/merge_sequences
 2233 Nov  8 19:06 1999 seq/bin/mpl-seq-adapt-setup
18125 Nov  5 00:05 1999 seq/bin/notify_act
  7382 Jun 11 22:25 1999 seq/bin/notify_dkf
20006 Oct 20 13:56 1999 seq/bin/pef_display
  630 Oct 21 21:35 1999 seq/bin/process_reset_sheet
 8495 Nov  3 21:01 1999 seq/bin/process_reset_sheet.awk
 4469 Nov  2 20:59 1999 seq/bin/ramp2pwrfile.tcl
  157 Oct  6 17:33 1999 seq/bin/remove_activity
  418 Oct  6 17:29 1999 seq/bin/remove_activity.awk
 6039 Oct 21 21:38 1999 seq/bin/run.apgen
 4681 Nov  1 15:44 1999 seq/bin/run_fns
12637 Oct 19 17:58 1999 seq/bin/run_sasf
  6338 Oct  8 18:05 1999 seq/bin/run_soe
23145 Oct 12 23:28 1999 seq/bin/satf_gen
12573 Oct 22 20:20 1999 seq/bin/seq_translate

217700 Nov  5 23:59 1999 seq/bin/sol/add_time
406296 Oct 25 21:38 1999 seq/bin/sol/apgen
 12340 Nov  2 21:58 1999 seq/bin/sol/buildCVF
436520 Oct 21 19:56 1999 seq/bin/sol/dptgen
217948 Oct 12 13:50 1999 seq/bin/sol/parse_cdb_file_list
 14284 Oct 20 21:17 1999 seq/bin/sol/ramp_b2a

 3285 Oct 12 19:30 1999 seq/bin/store_file
  753 Oct  6 17:07 1999 seq/bin/store_reset
 1893 Oct  8 11:07 1999 seq/bin/strip_pef.awk
```

264873 Oct 23 20:11 1998 seq/cdl/Lander_CD_L_8.0.0
178070 Oct 23 20:51 1998 seq/cmdxlt/Lander_CD_L_8.0.0.xlt
24596 Nov 4 22:32 1999 seq/cvf/M98.lander.L1.cvf
1224 Apr 9 21:58 1999 seq/cvf/msop.gvs.cvf
3123 Jul 21 14:19 1999 seq/cvf/msop.soe.cvf
17307 Nov 4 23:58 1999 seq/fmrf/M98.lander.L1.fmrf
1613 May 27 14:00 1999 seq/legend/M98.lander.A4.legend
391428 Jun 23 21:07 1999 seq/lib/sol/libPCS.so
126568 Mar 17 22:18 1999 seq/lib/sol/libdtm.so
163752 Oct 29 18:55 1999 seq/lib/sol/libpowerlib.so
476692 Nov 1 18:05 1999 seq/lib/sol/libudef.so
632900 Nov 2 22:37 1999 seq/lib/sol/libudsf.so
357137 Nov 8 18:57 1999 seq/satf/M98.lander.L1a.satf
3758 Oct 1 15:46 1998 seq/satf/M98.lander.ec.1.0.satf
3761 Oct 1 15:46 1998 seq/satf/M98.lander.nipc.1.0.satf
558368 Nov 8 18:57 1999 seq/smf/M98.lander.8.0.0.L1a.smf
3881 Oct 1 15:45 1998 seq/smf/M98.lander.ec.1.0.smf
3744 Oct 1 15:44 1998 seq/smf/M98.lander.nipc.1.0.smf

Directory Listing: D3.5.0-SEQ-000-SEQ_CONFIG.tar

```
3538 Jul 21 16:20 1999 seq_config/dpt/APIDS.txt
3155 Jul 21 20:56 1999 seq_config/dpt/MPL_APID_DEFS
1833 Oct 8 21:23 1999 seq_config/dpt/p00dwn_dpt_psXXX_Y_dteN.cfg.db
 958 Oct 8 21:23 1999 seq_config/dpt/p00dwn_dpt_psXXX_Y_uhfN.cfg.db

 713 Nov 6 00:18 1999 seq_config/lander_power_model/land_CCU_VT_curves.in
 565 Nov 6 00:18 1999 seq_config/lander_power_model/land_aacs.in
  98 Nov 6 00:18 1999 seq_config/lander_power_model/land_batt_ScE.in
 453 Nov 6 00:18 1999 seq_config/lander_power_model/land_batt_char.in
 100 Nov 6 00:18 1999 seq_config/lander_power_model/land_batt_ct.in
2101 Nov 6 00:18 1999 seq_config/lander_power_model/land_batt_heat_trans.in
11014 Nov 6 00:18 1999 seq_config/lander_power_model/land_batt_iv.in
 687 Jul 14 14:48 1999 seq_config/lander_power_model/land_batt_vt.in
 2708 Nov 6 00:18 1999 seq_config/lander_power_model/land_cell_iv.in
3488 Nov 6 00:18 1999 seq_config/lander_power_model/land_char.in
1487 Nov 4 23:55 1999 seq_config/lander_power_model/lander_power_model.op
 174 Nov 6 00:18 1999 seq_config/lander_power_model/land_newt_const.in
 313 Nov 6 00:18 1999 seq_config/lander_power_model/land_panel_therm.in
1097 Nov 6 00:18 1999 seq_config/lander_power_model/land_sol_array.in
  21 Nov 6 00:18 1999 seq_config/lander_power_model/occul_times.in

1505 Nov 4 22:33 1999 seq_config/met_sessions/met_sessions.cvf

1916 Oct 29 19:24 1999 seq_config/seqgen_scripts/edl_sol0_1.script
 345 May 27 21:52 1998 seq_config/seqgen_scripts/gen_command.script
1709 Oct 28 20:24 1999 seq_config/seqgen_scripts/landed.script
 501 Apr 3 23:05 1997 seq_config/seqgen_scripts/pwr_model.scr

4040 Apr 5 20:27 1999 seq_config/seq_review_scripts/generic_pef.fd
8576 Nov 25 17:02 1996 seq_config/seq_review_scripts/generic_sasf.fd
1516 Jan 21 23:09 1997 seq_config/seq_review_scripts/light.fd
98581 Oct 20 13:57 1999 seq_config/seq_review_scripts/pef_display.config
 107 Mar 31 18:54 1997 seq_config/seq_review_scripts/pef_display.script
 969 Nov 4 18:29 1999 seq_config/seq_review_scripts/pef_errors.cfg
8895 Apr 5 20:24 1999 seq_config/seq_review_scripts/pef.fd

2625 Apr 15 22:20 1997 seq_config/setup/alloc_diag.fd
3509 Aug 9 21:32 1999 seq_config/setup/alloc.fd
24944 Nov 4 18:12 1999 seq_config/setup/apgen_convert.cfg
 799 Dec 22 16:24 1998 seq_config/setup/apgen_sasf_out.fd
1227 Apr 15 22:20 1997 seq_config/setup/cfg.fd
1046 Apr 15 22:20 1997 seq_config/setup/light_diag.fd
1435 Oct 1 20:55 1997 seq_config/setup/light.fd
4884 Sep 21 16:42 1999 seq_config/setup/optg.fd
5835 Jan 20 16:39 1998 seq_config/setup/tol.fd
3020 Dec 2 17:40 1998 seq_config/setup/vue.fd

99970 Aug 6 20:31 1999 seq_config/tlm_parameters/antenna_patterns.aaf
 1146 Oct 13 19:50 1999 seq_config/tlm_parameters/tlm_parameters.aaf
168268 Oct 13 16:02 1999 seq_config/tlm_parameters/uhf_antenna_patterns.aaf
```